

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Art Unit	:		<b>Customer No.: 035811</b>
Examiner	:		
Serial No.	:		
Filed	:	Herewith	
Inventor	:	Salman Al-Mahmood	<b>Docket No.: 1414-03</b>
Title	:	ANTISENSE OLIGONUCLEOTIDES	
	:	CAPABLE OF INHIBITING THE	<b>Confirmation No.:</b>
	:	FORMATION OF CAPILLARY TUBES	
	:	BY ENDOTHELIAL CELLS	

**Dated: December 12, 2003**

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450


Sir:

We submit herewith the usual Form PTO-1449 together with copies of publications listed therein. A copy of the International Search Report dated August 21, 2003 is also enclosed. They are submitted to comply with the Applicants' duty of disclosure under 37 C.F.R. §1.56 and are believed related to this application.

We are submitting this in the spirit of voluntary disclosure and look forward with interest to the Examiner's action at an early date on the merits of the case.

It is accordingly requested that the Information Disclosure Statement be officially entered in the file of this case and that appropriate notification be made that it was considered in the prosecution of the case.

Respectfully submitted,

  
T. Daniel Christenbury  
Reg. No. 31,750  
Attorney for Applicants

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(215) 656-3381

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.  
1414-03

SERIAL NO.

**LIST OF PRIOR ART CITED BY APPLICANT**

(Use several sheets if necessary)

APPLICANT  
Salman Al-Mahmood

FILING DATE  
Herewith

GROUP

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL	WO 92/13083	08/06/92	PCT			x	
	AM	WO 96/35791	11/14/96	PCT				x
	AN	EP 1 010 433 A1	06/21/00	Europe			x	
	AO							
	AP							

**OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

	AR	Consuelo D'Ambrosio et al., <u>Transforming Potential of the Insulin Receptor Substrate 1<sup>1</sup></u> , Cell Growth & Differentiation, Vol. 6, No. 5, May 1, 1995, pages 557 – 562
		Ewa Surmacz et al., <u>Overexpression of Insulin Receptor Substrate 1 (IRS-1) in the Human Breast Cancer Cell Line MCF-7 Induces Loss of Estrogen Requirements for Growth and Transformation</u> , Clinical Cancer Research, Vol. 1, No. 11, November 1995, pages 1429 - 1436
	AS	William C. Wallace et al., <u>Amyloid precursor protein requires the insulin signaling pathway for neurotrophic activity</u> , Molecular Brain Research, Vol. 52, No. 2, December 15, 1997, pages 213 – 227
	AT	

EXAMINER:

DATE CONSIDERED:

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.  
Include copy of this form with next communication to Applicant.